

Program EVALPLOT  
(Version 2018-1)

by

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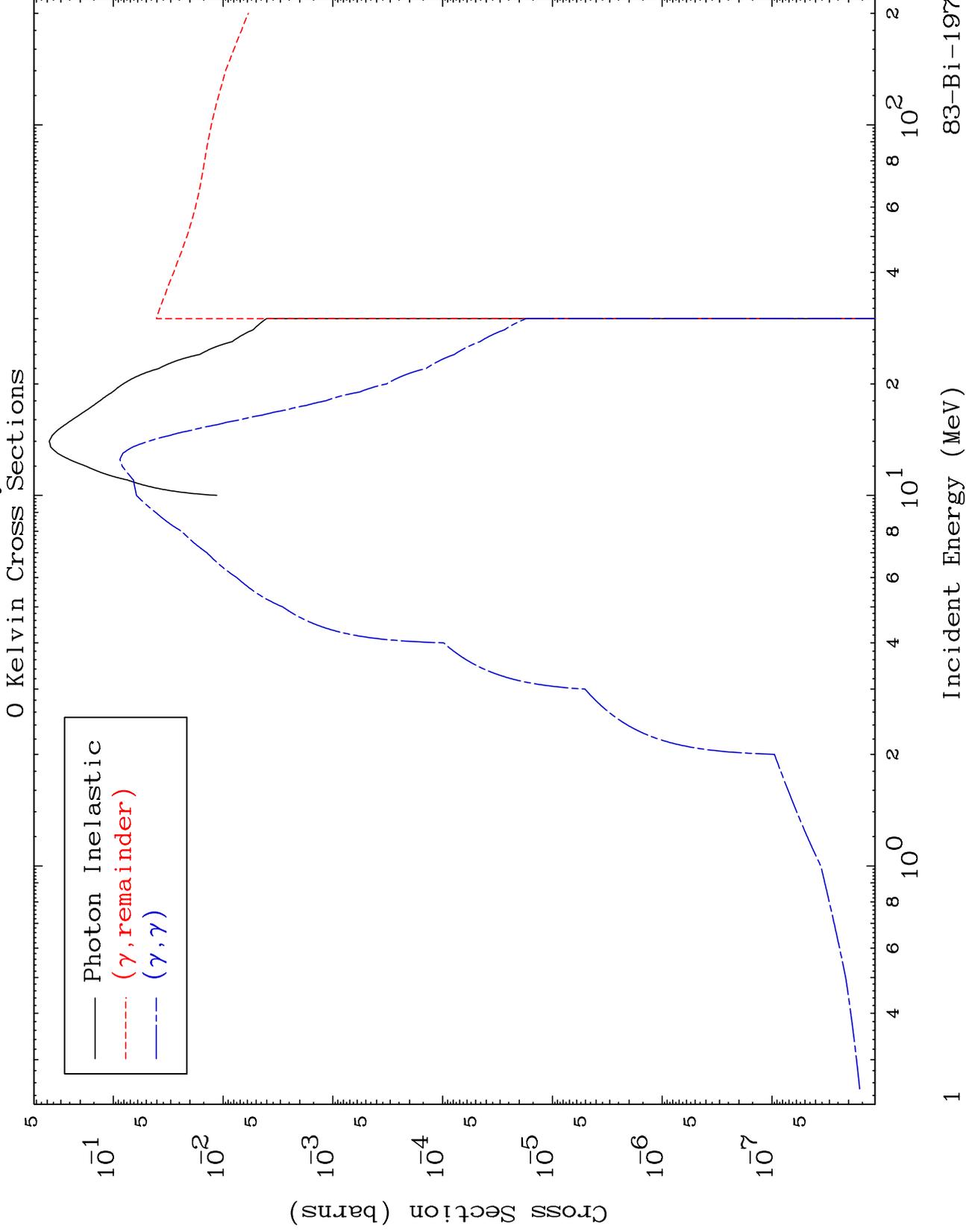
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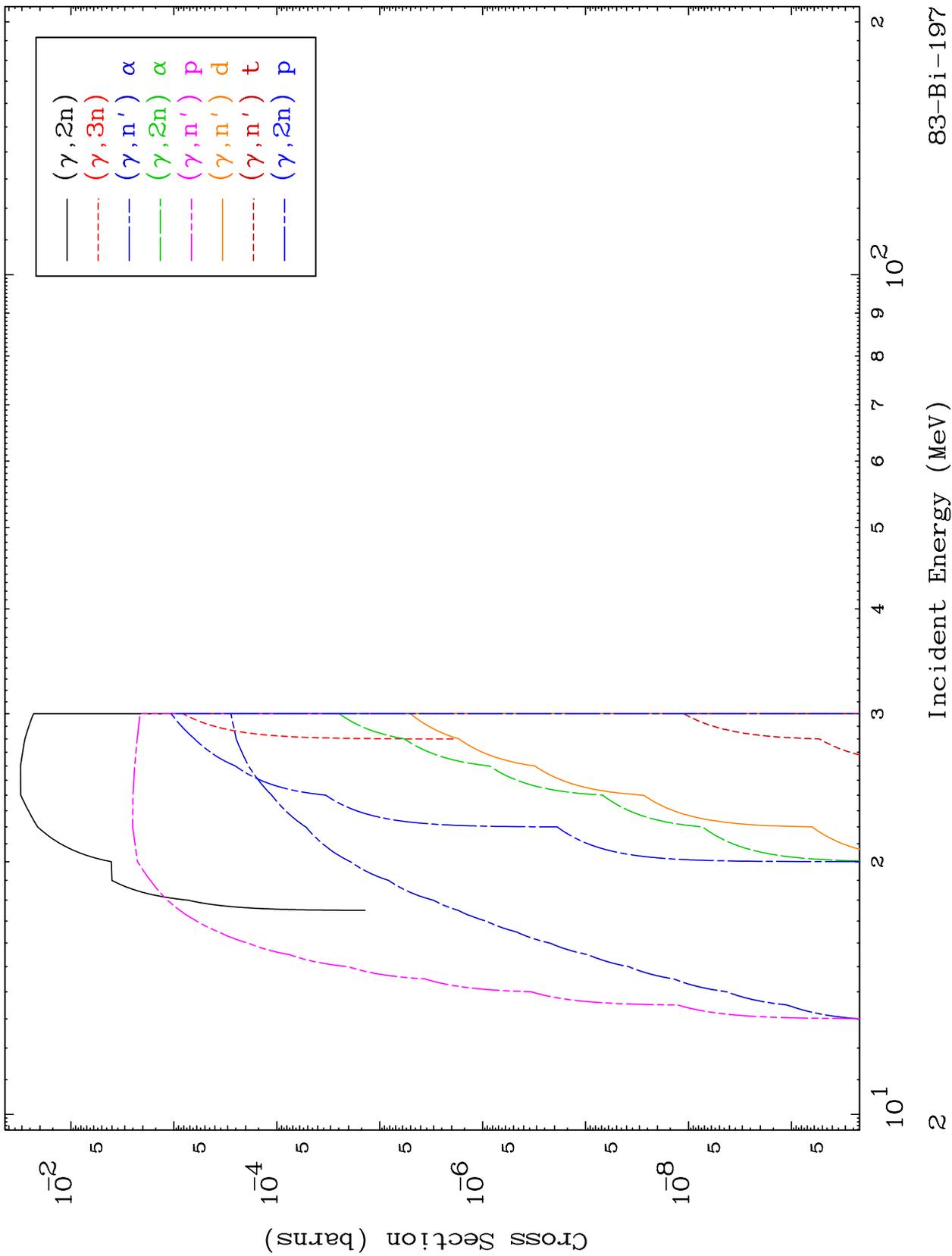
Press Mouse Button to Start

MAT 8290

Photon Major

83-Bi-197

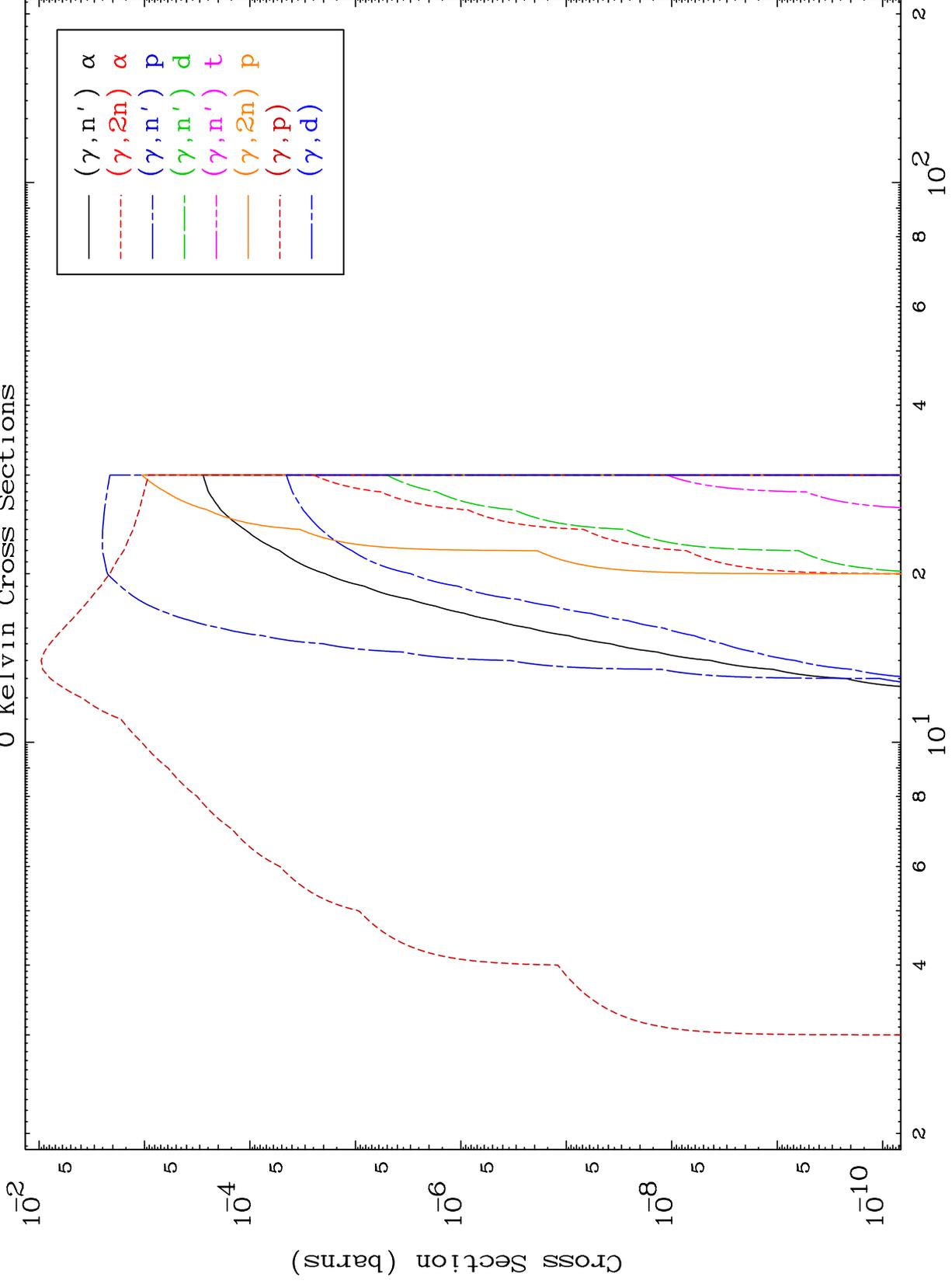




MAT 8290

Photon Charged Particle  
0 Kelvin Cross Sections

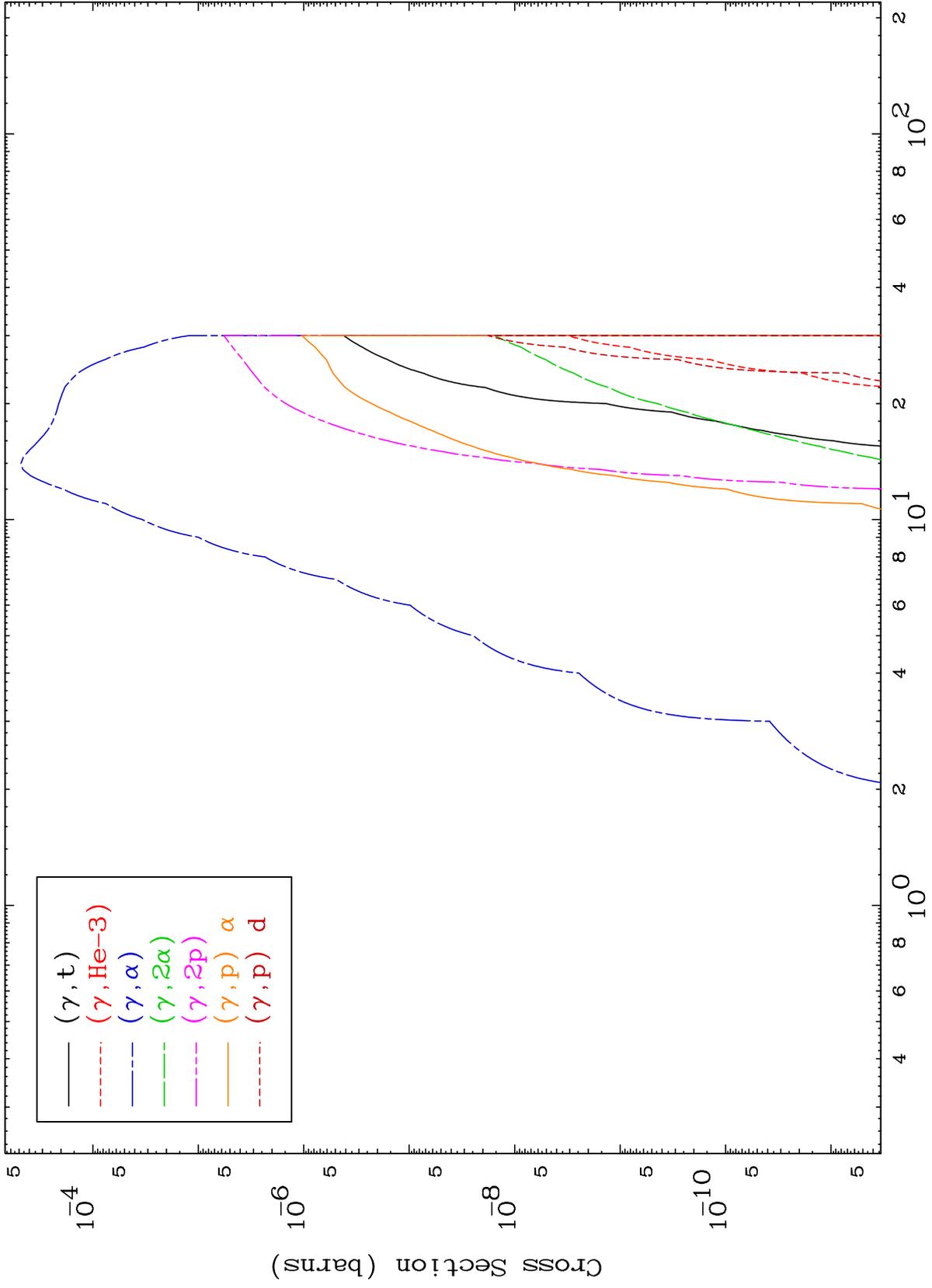
83-Bi-197



83-Bi-197

Incident Energy (MeV)

3

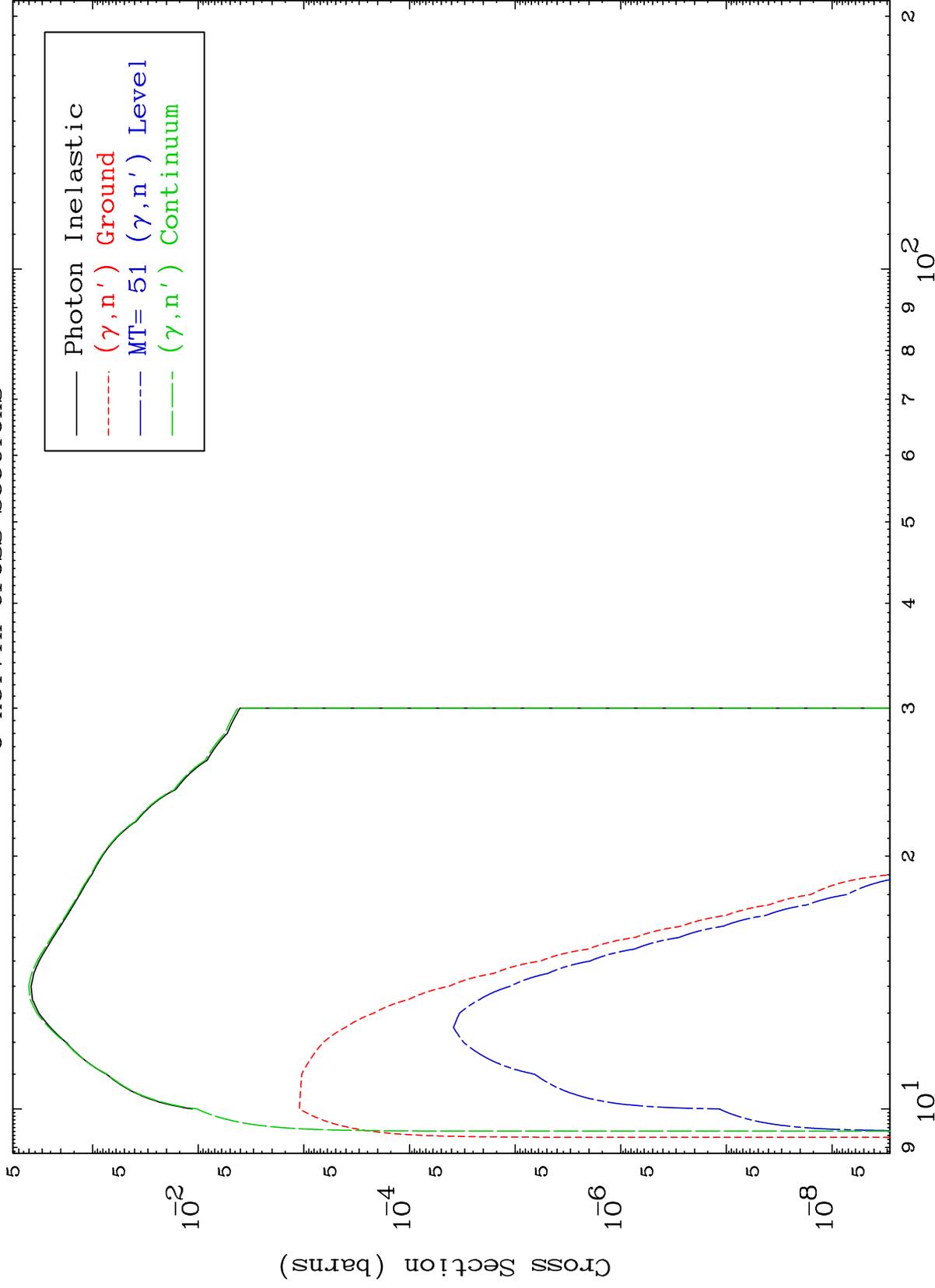


MAT 8290

$(\gamma, n')$  Level

83-Bi-197

0 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-197

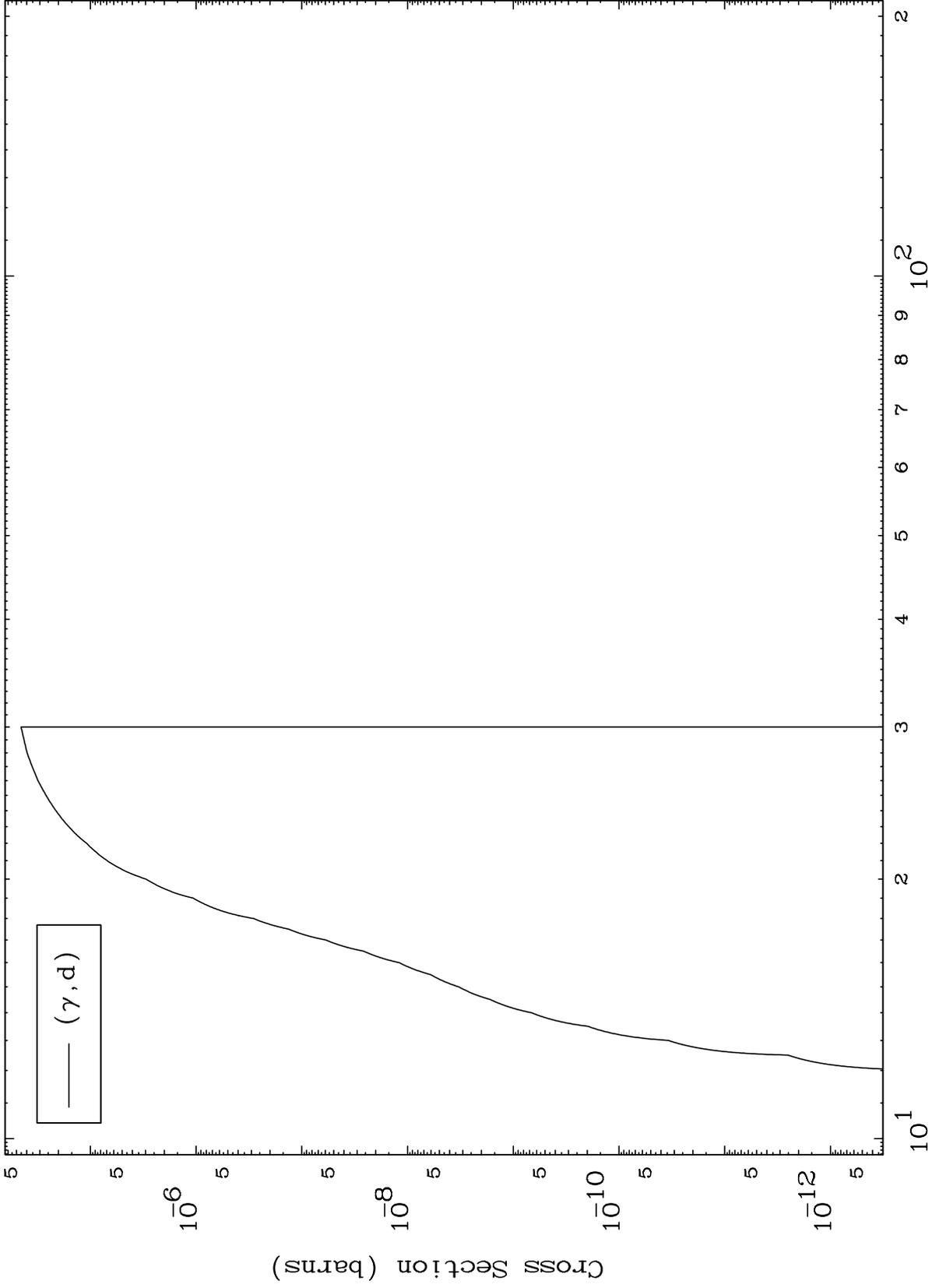


MAT 8290

( $\gamma, d$ ) Levels

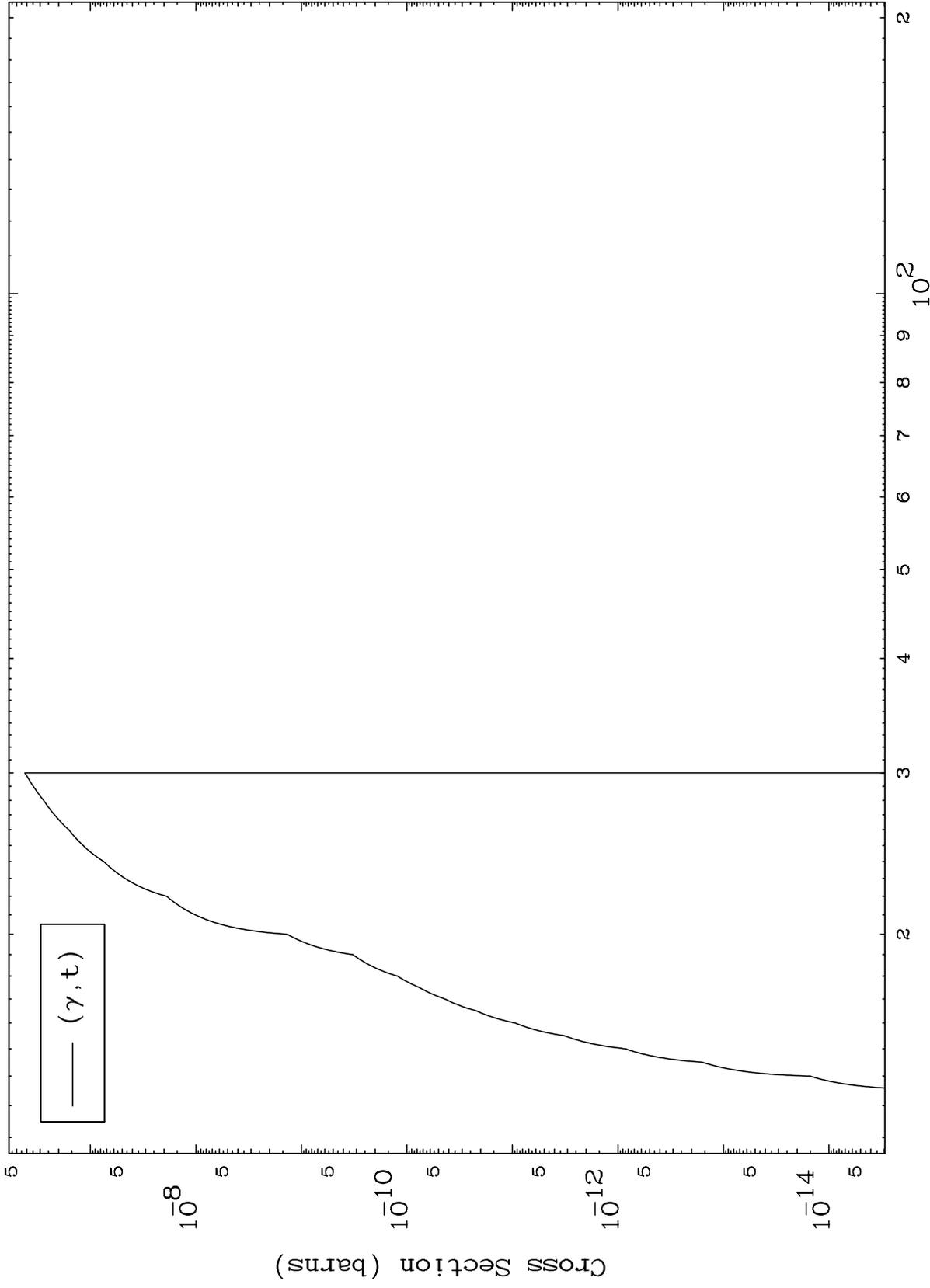
83-Bi-197

0 Kelvin Cross Sections

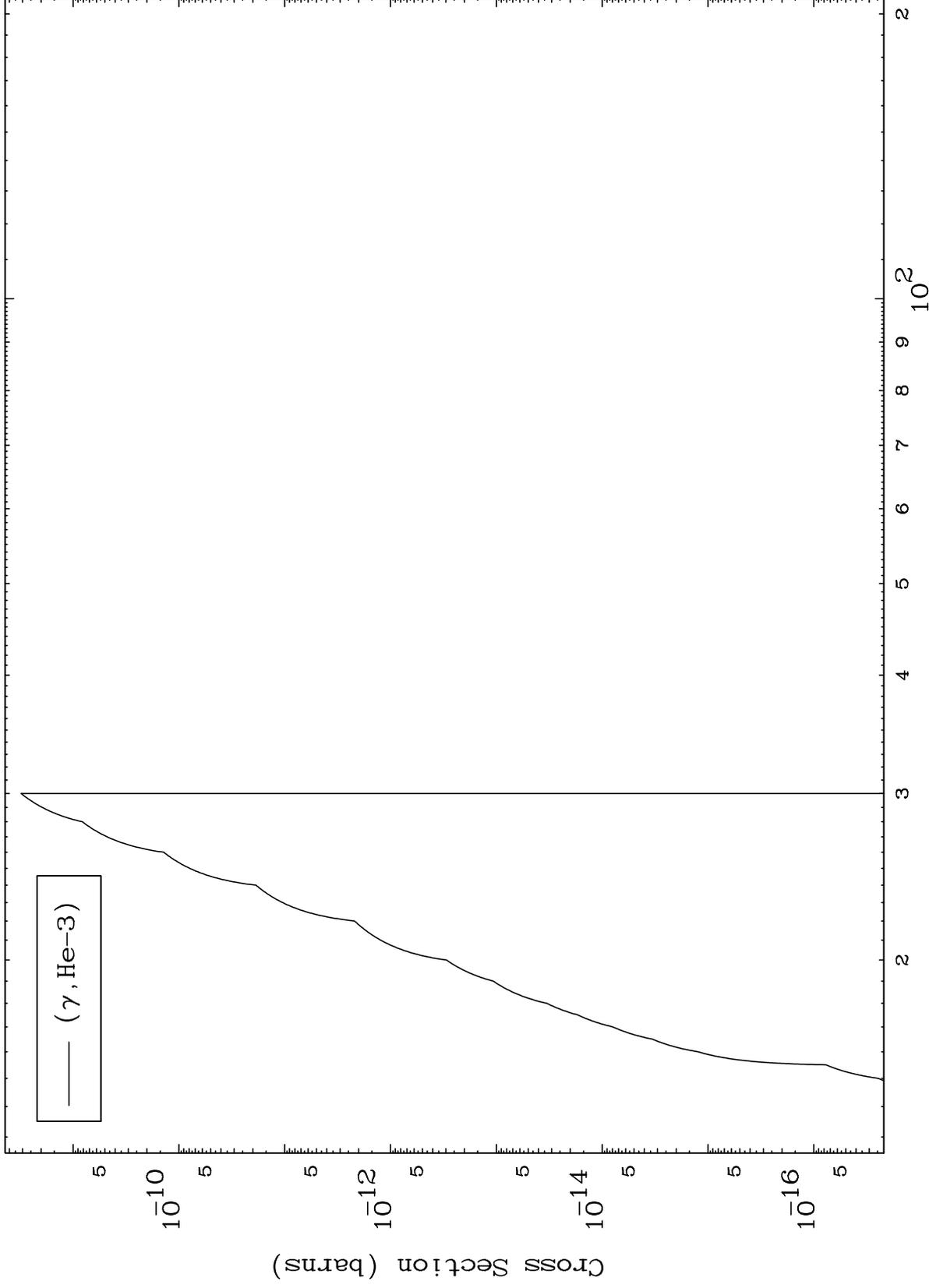


Incident Energy (MeV)

83-Bi-197



0 Kelvin Cross Sections

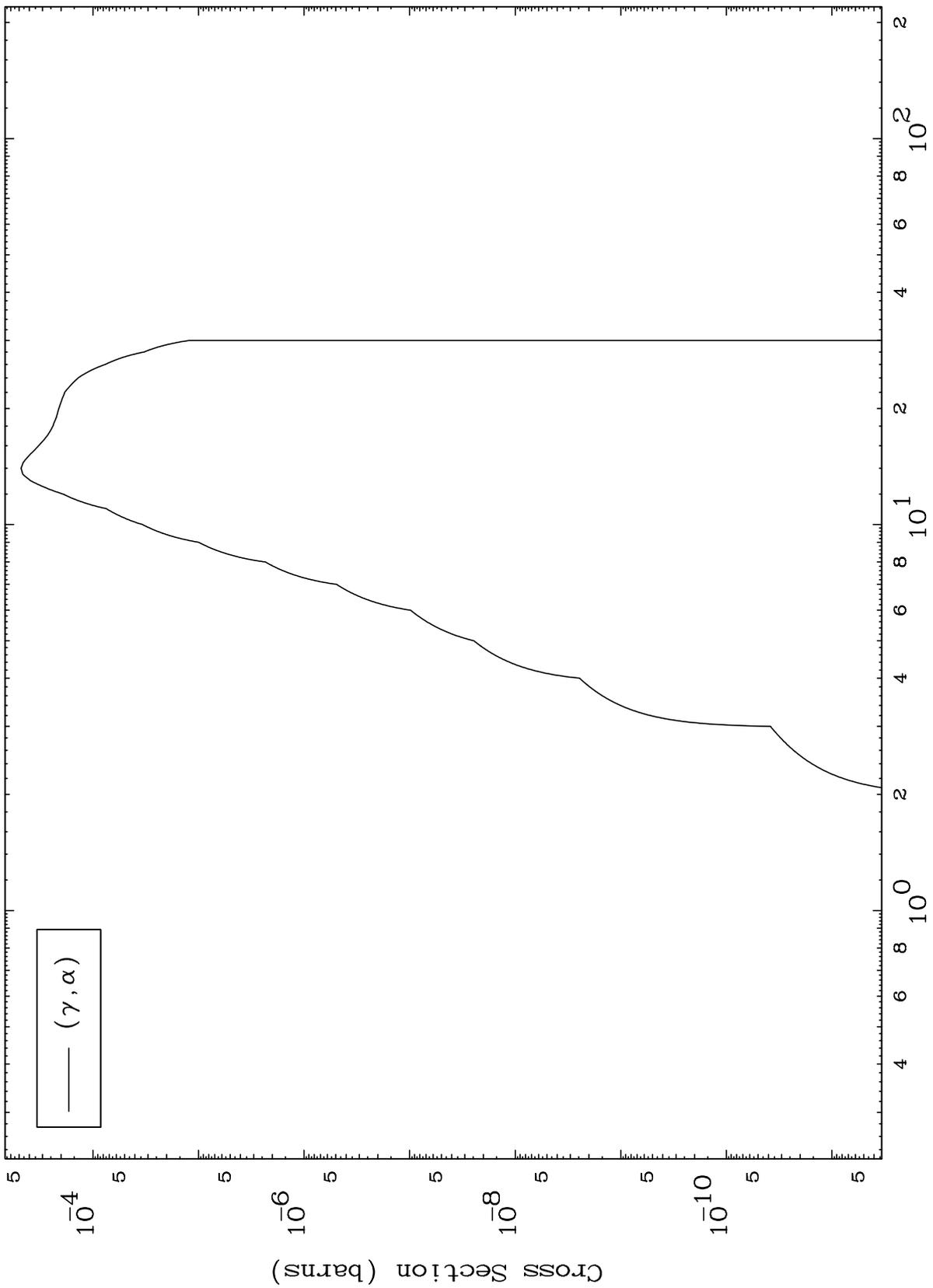


MAT 8290

( $\gamma, \alpha$ ) Levels

83-Bi-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

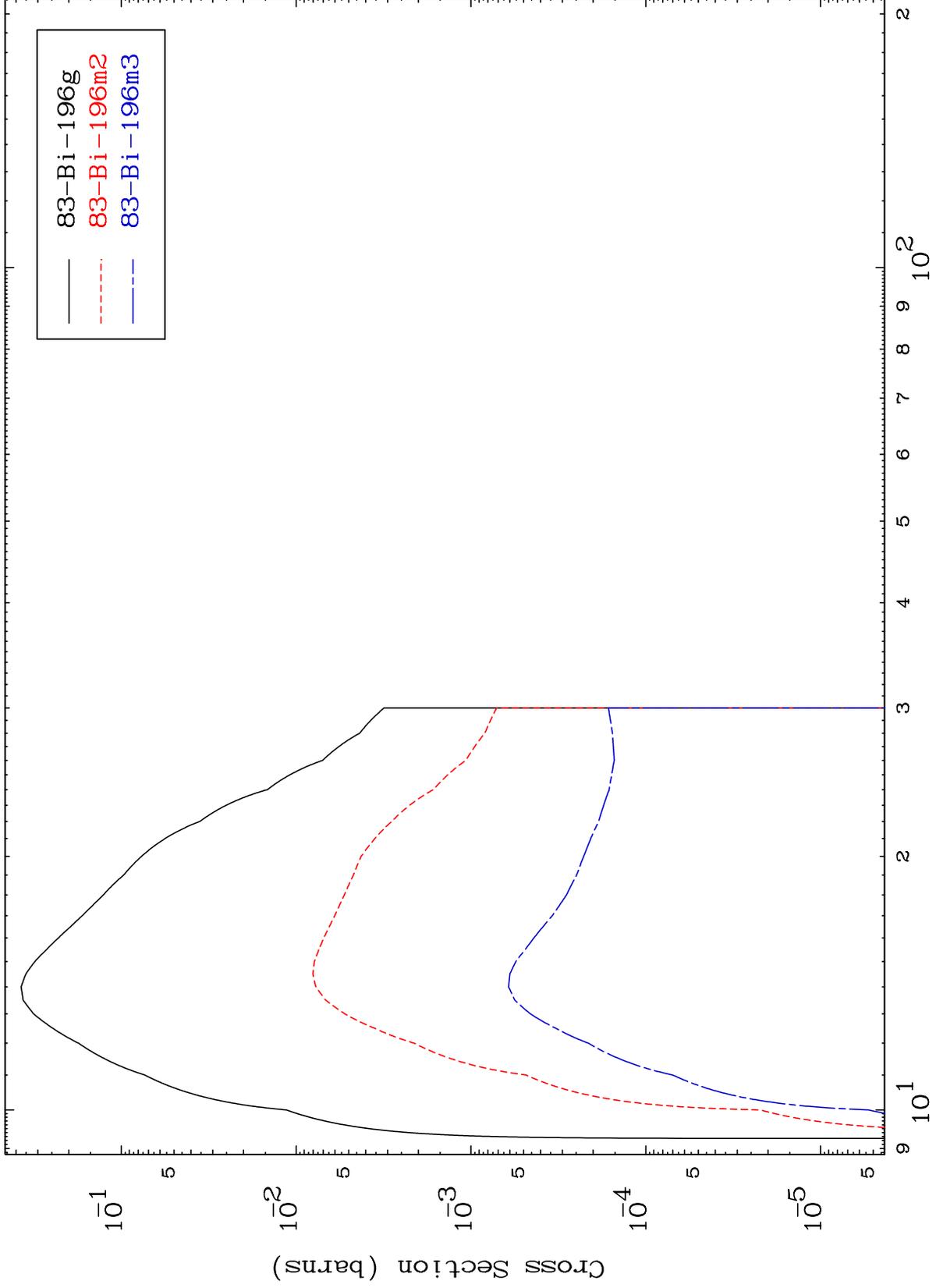
83-Bi-197

MAT 8290

Photon Inelastic

83-Bi-197

Radionuclide Production Cross Section



11

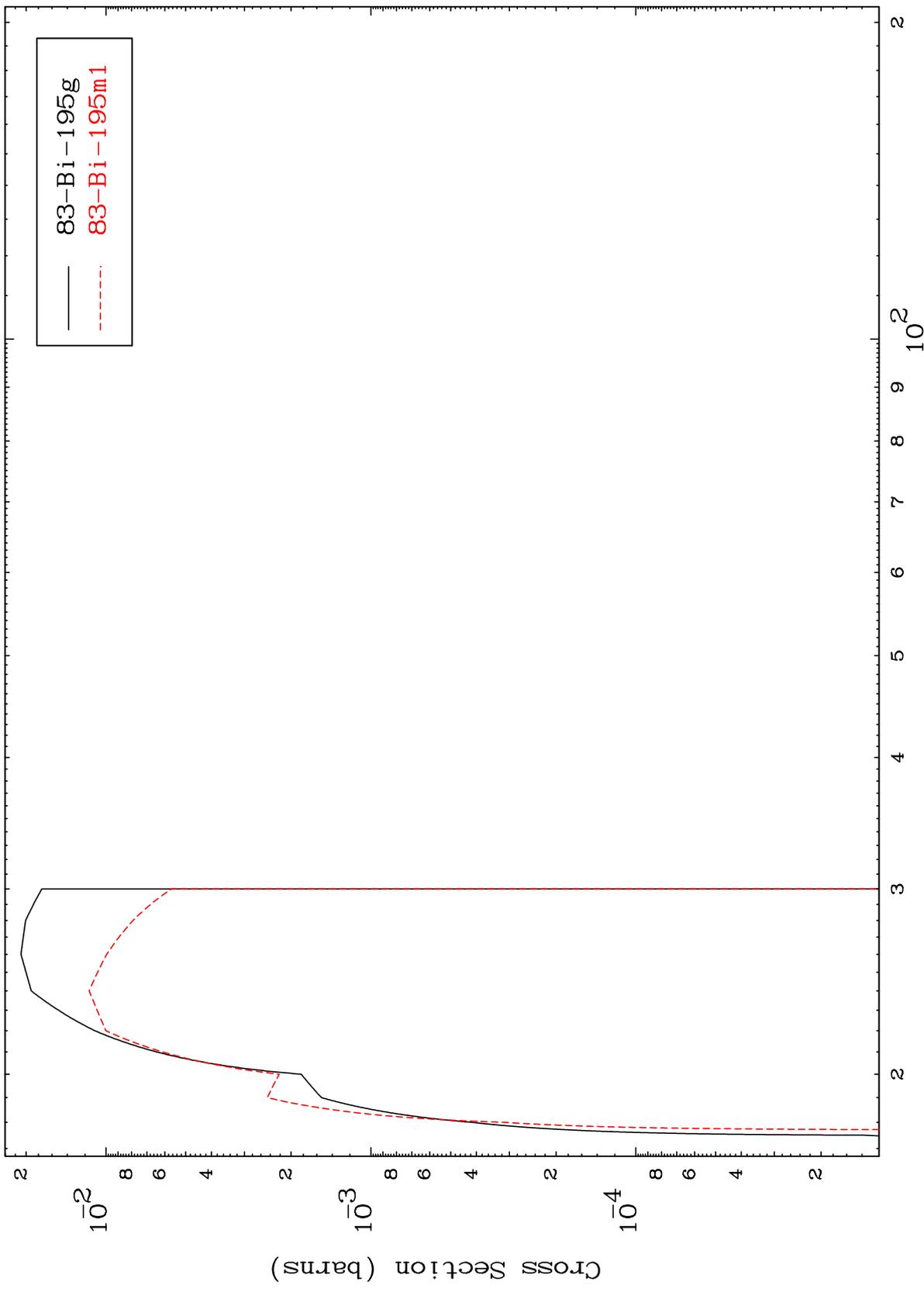
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

( $\gamma, 2n$ )  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

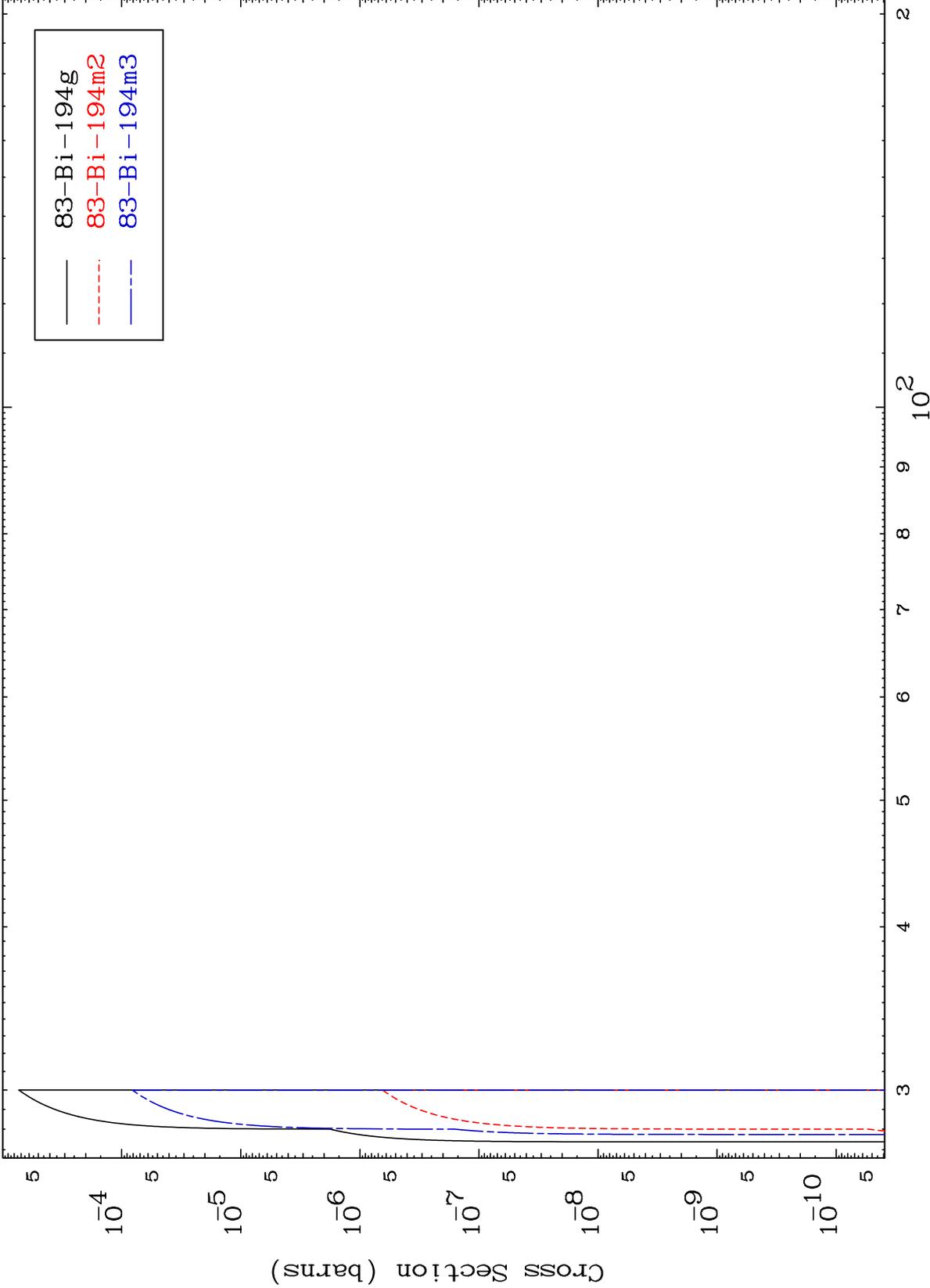
83-Bi-197

MAT 8290

( $\gamma, 3n$ )

83-Bi-197

Radionuclide Production Cross Section



13

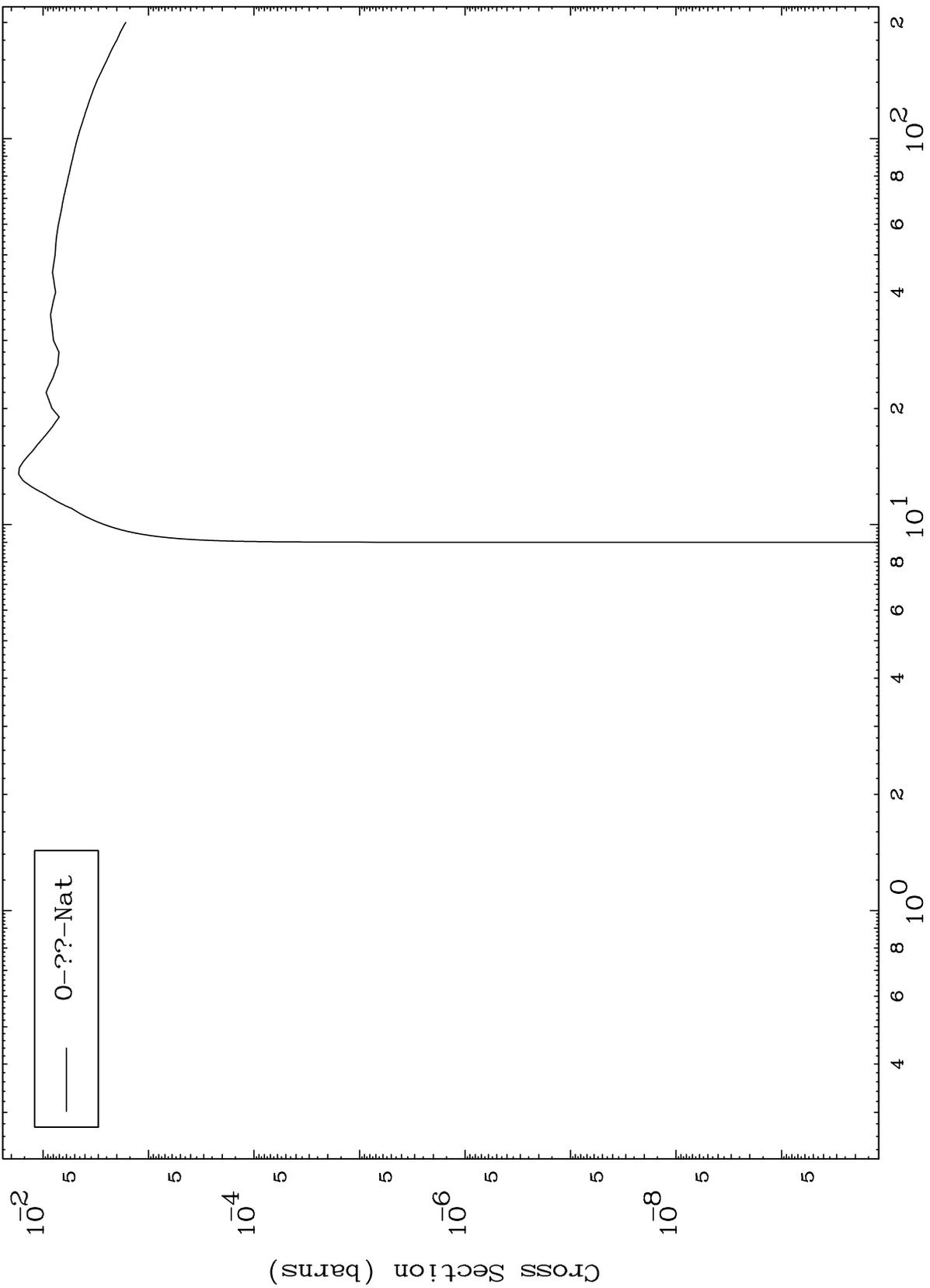
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

Photon Fission  
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

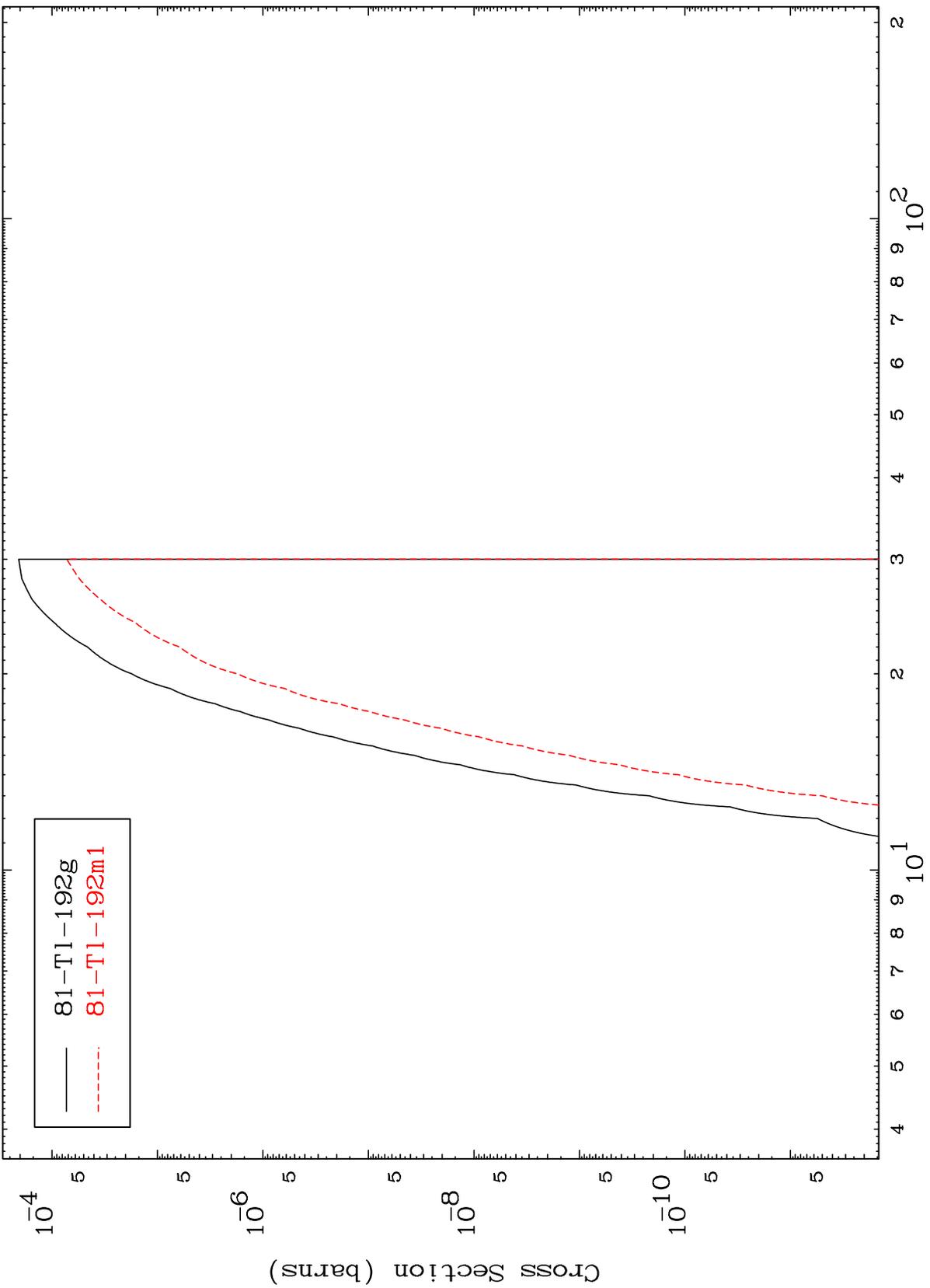
14

MAT 8290

83-Bi-197

$(\gamma, n')$   $\alpha$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

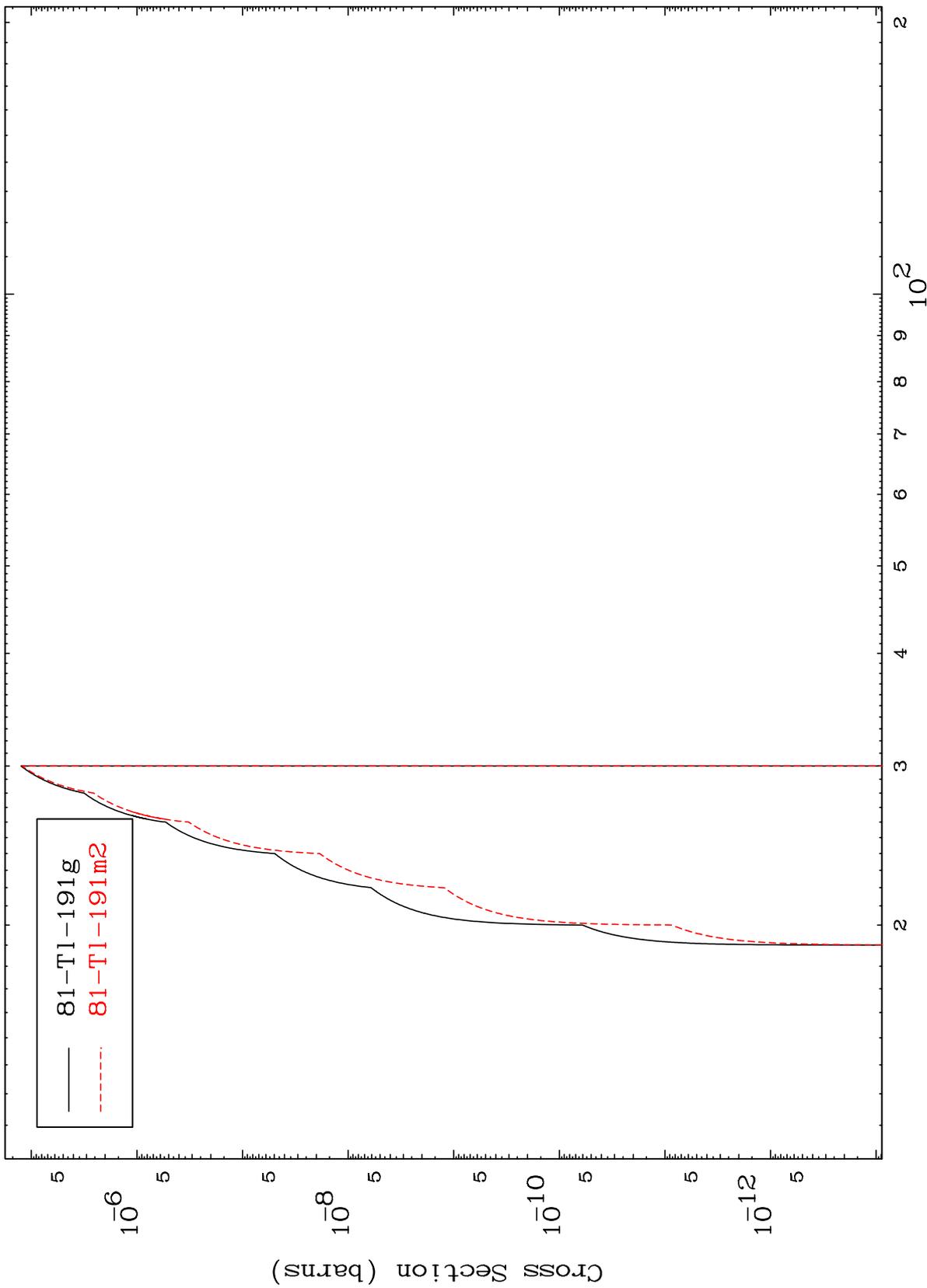
83-Bi-197

MAT 8290

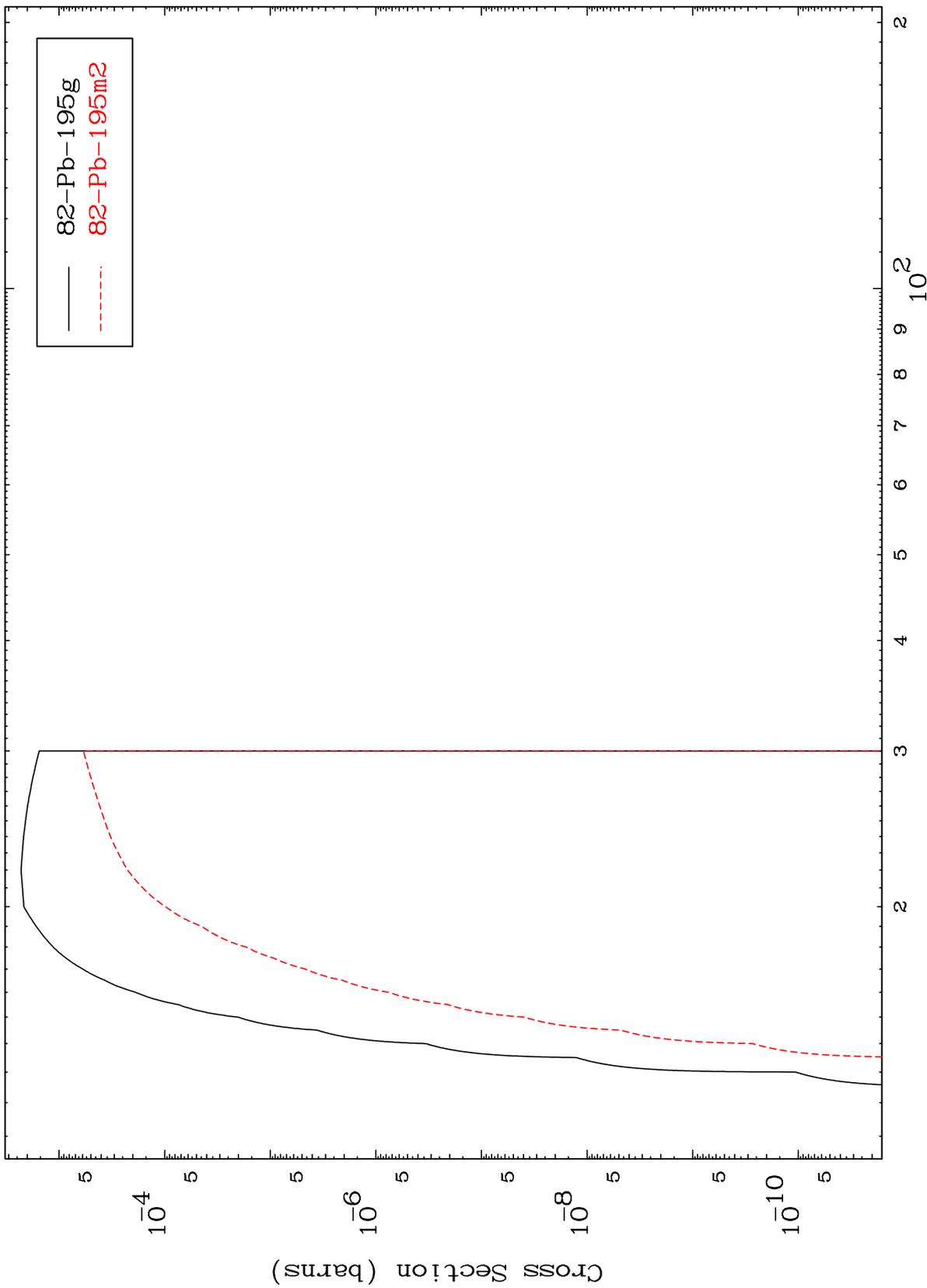
$(\gamma, 2n) \alpha$

83-Bi-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section

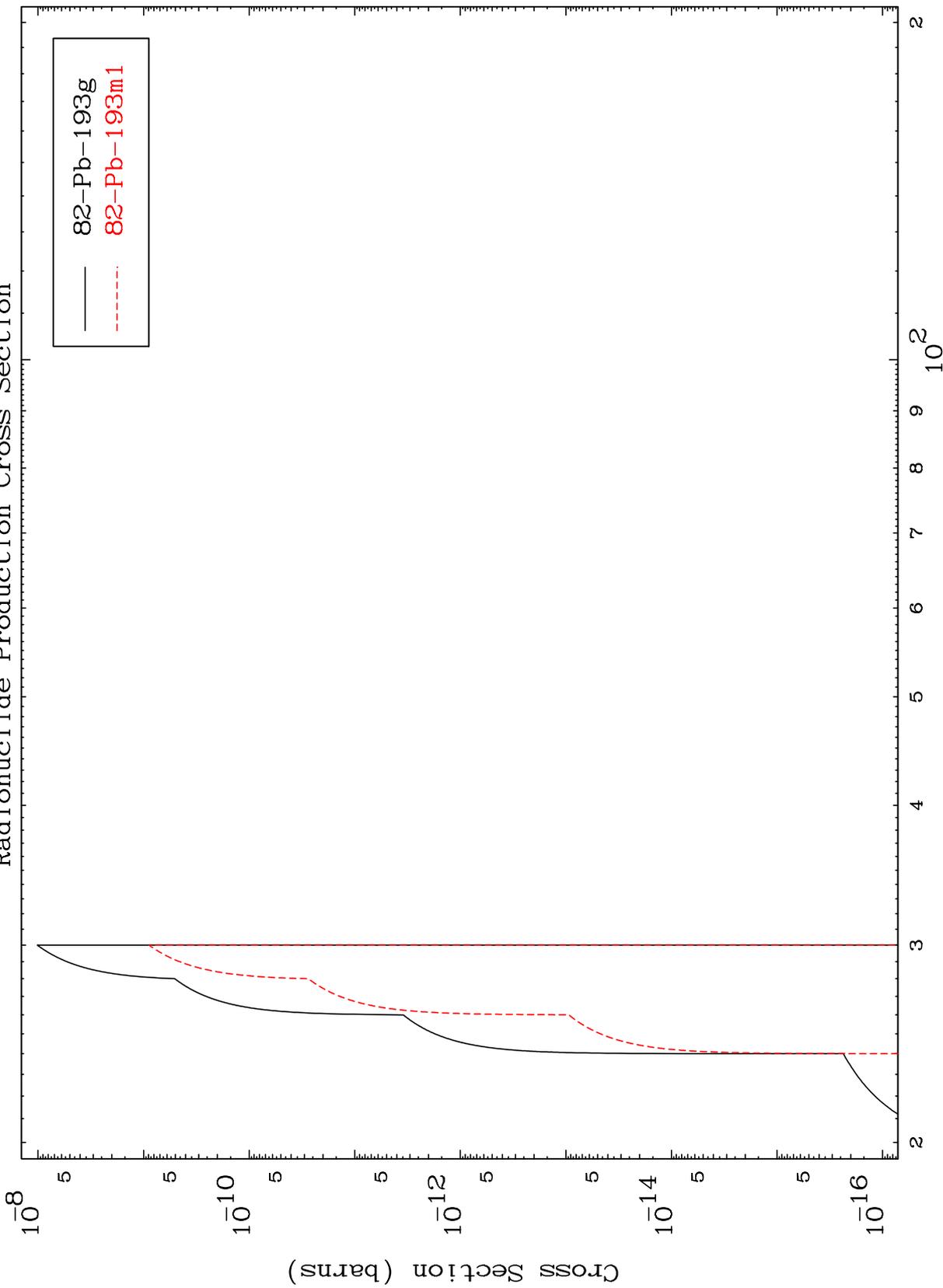


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$(\gamma, n')$  t

83-Bi-197

Radionuclide Production Cross Section

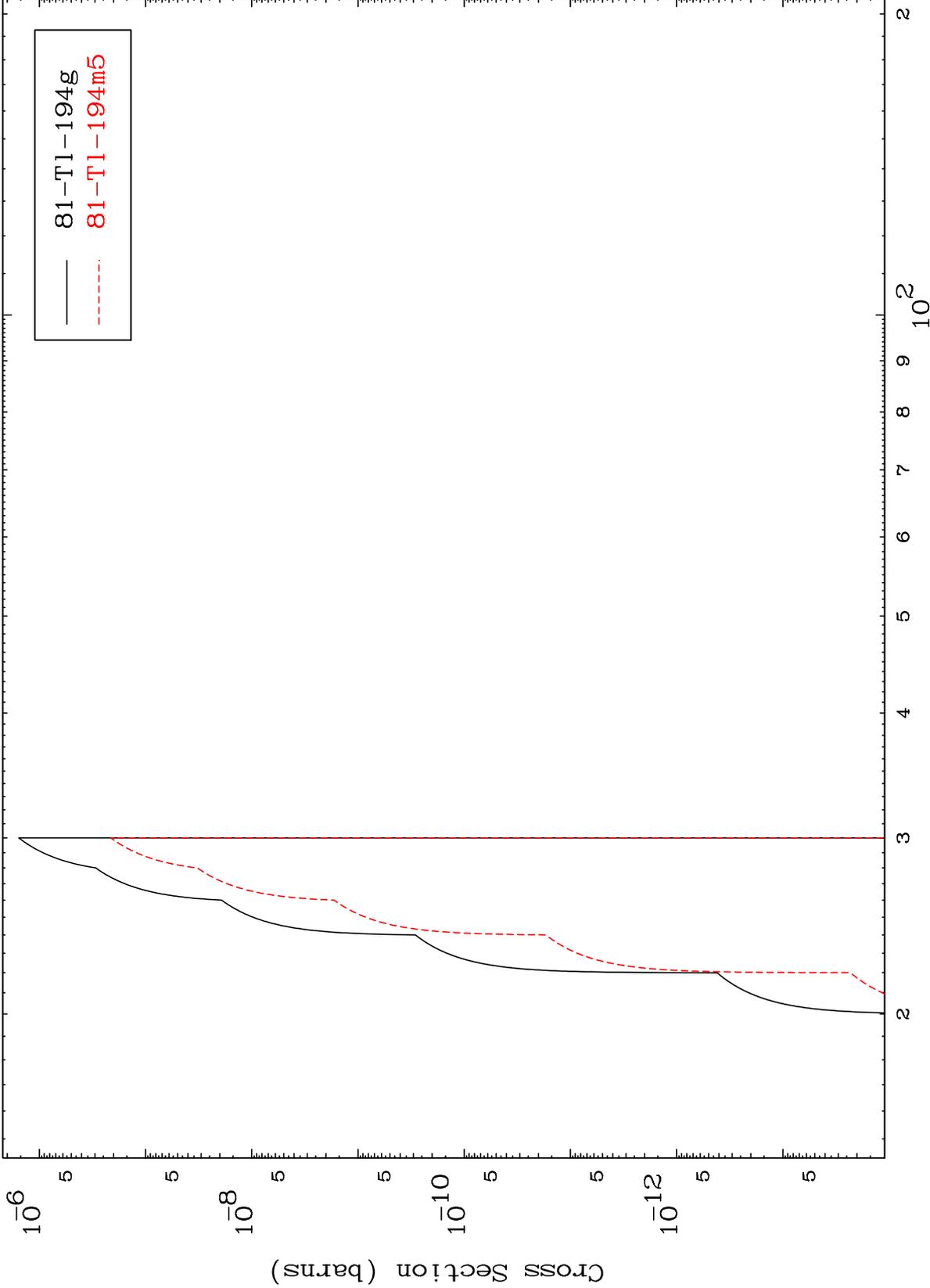


18

Incident Energy (MeV)

83-Bi-197

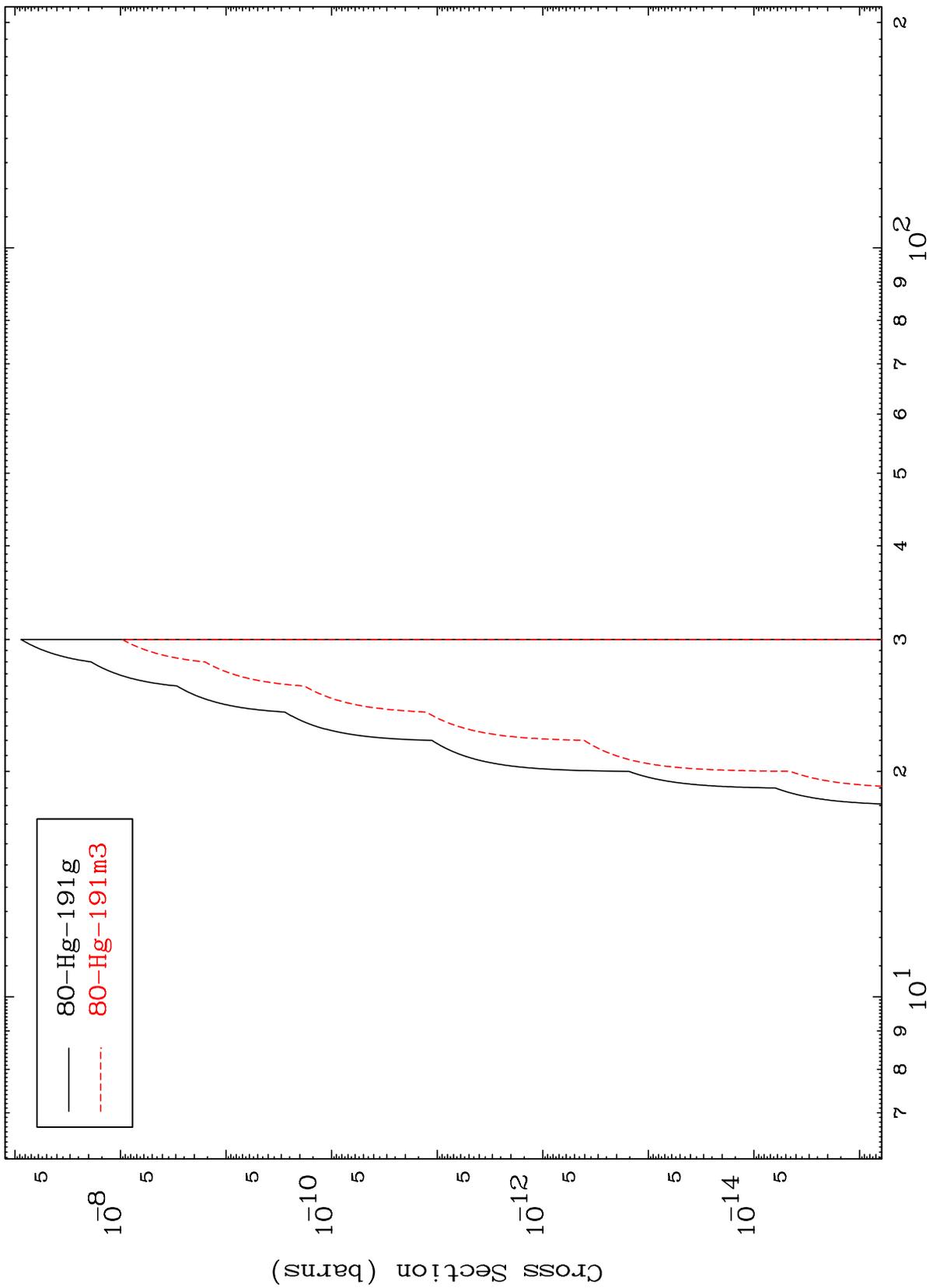
Radionuclide Production Cross Section



MAT 8290

83-Bi-197

( $\gamma, n'$ ) p  $\alpha$   
Radionuclide Production Cross Section



80-Hg-191g  
80-Hg-191m3

20

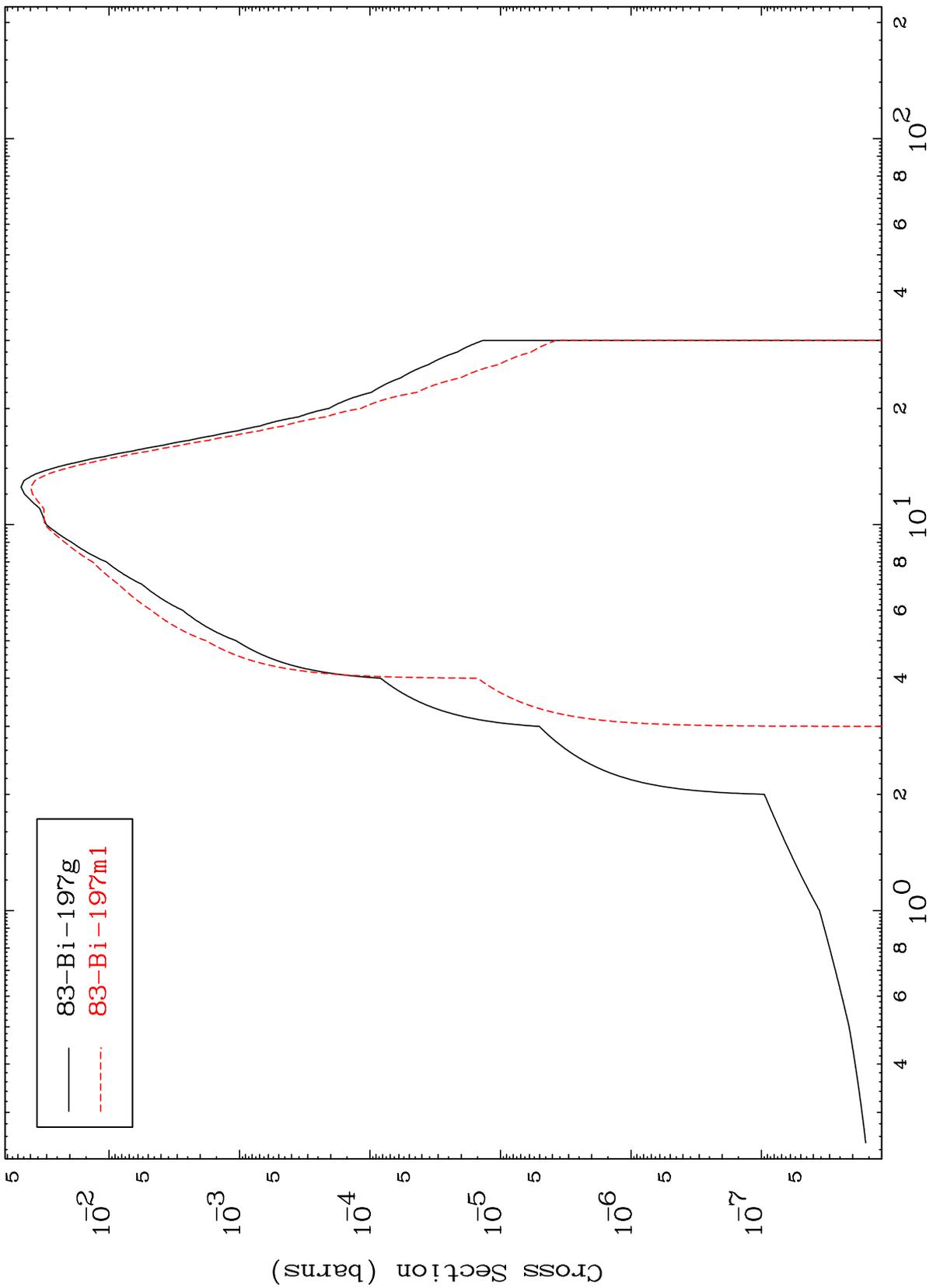
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

( $\gamma, \gamma$ )  
Radionuclide Production Cross Section

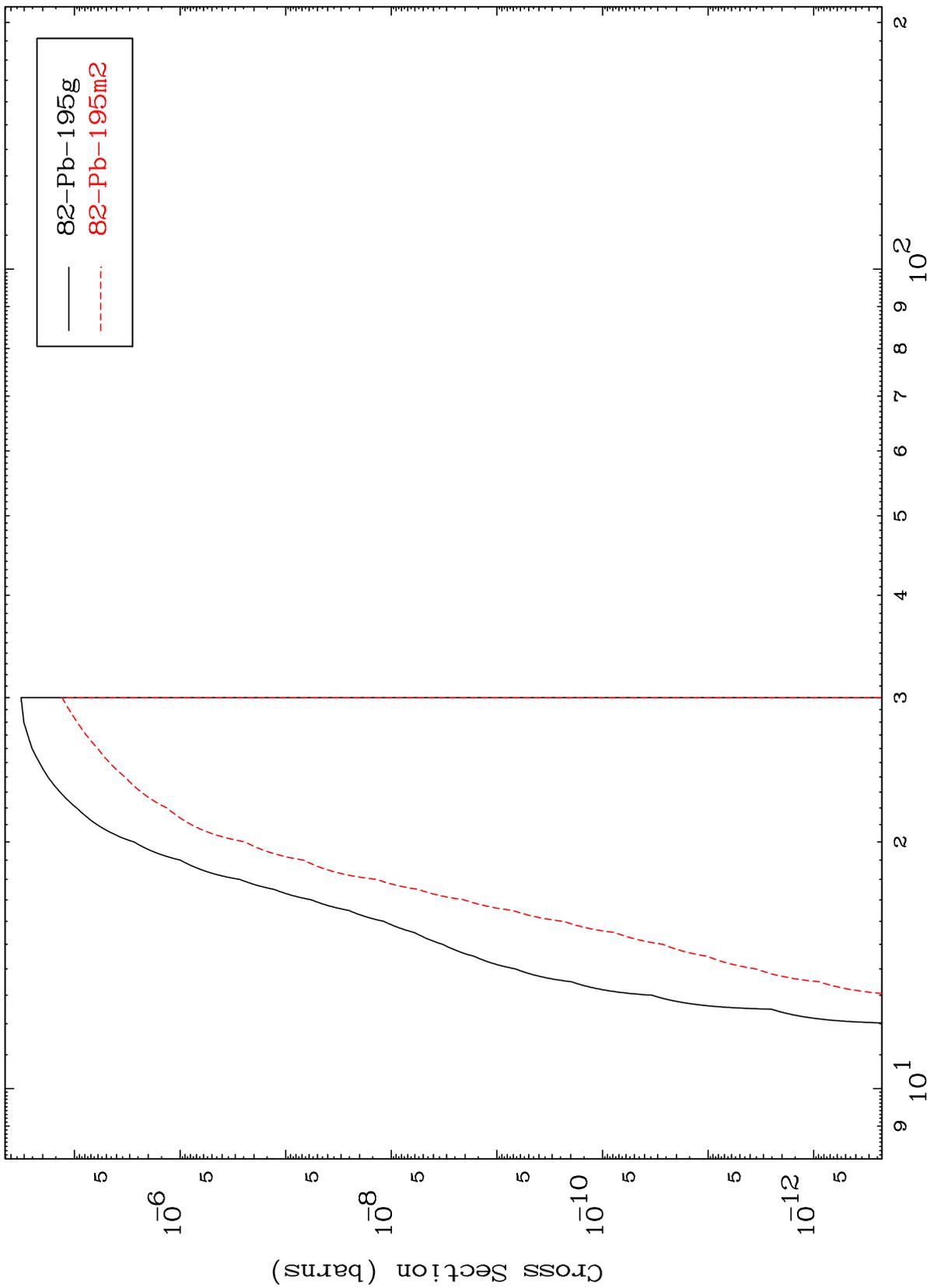


83-Bi-197g  
83-Bi-197m1

MAT 8290

83-Bi-197

( $\gamma, d$ )  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

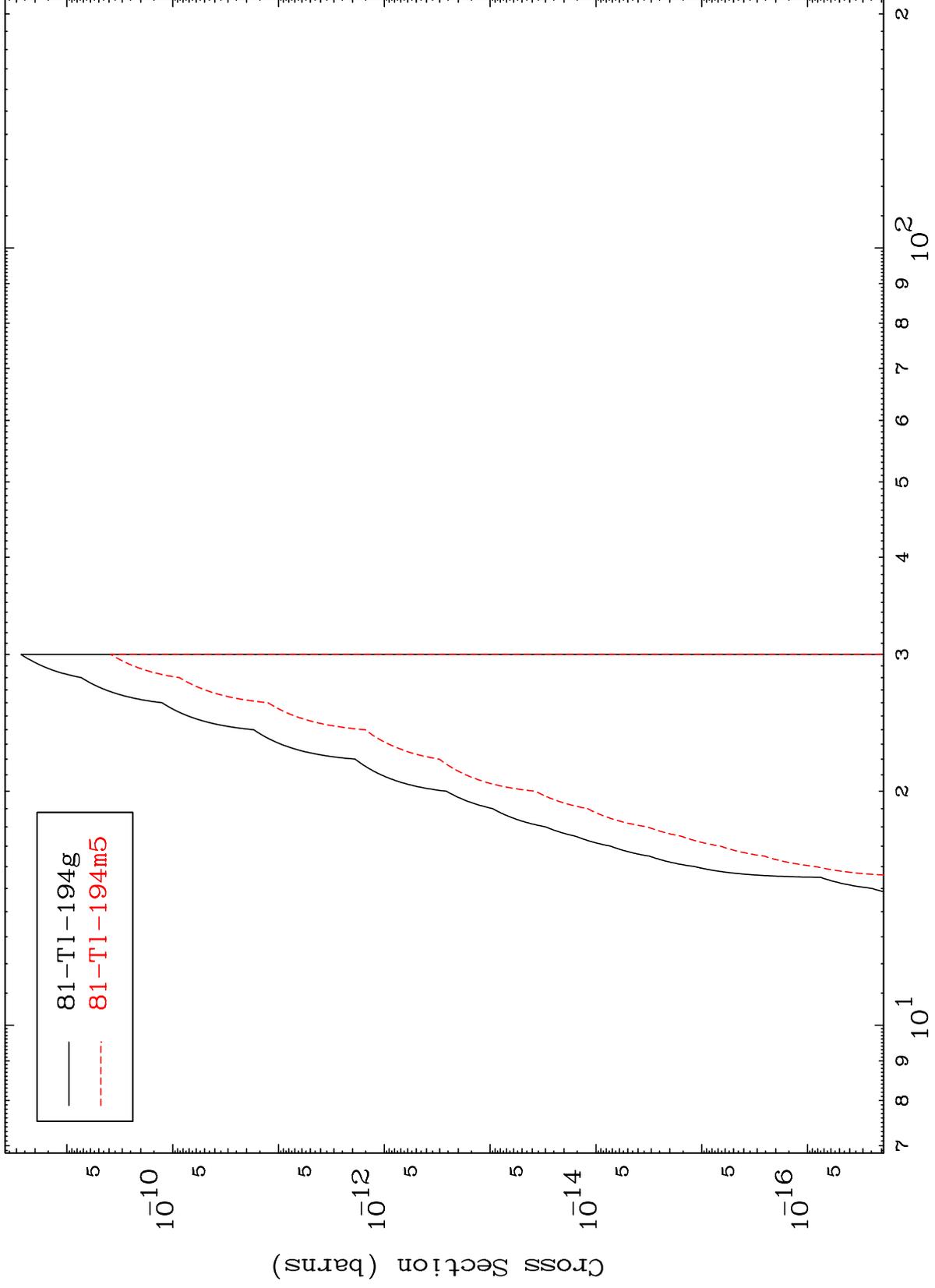
83-Bi-197

MAT 8290

( $\gamma, \text{He-3}$ )

83-Bi-197

Radionuclide Production Cross Section



23

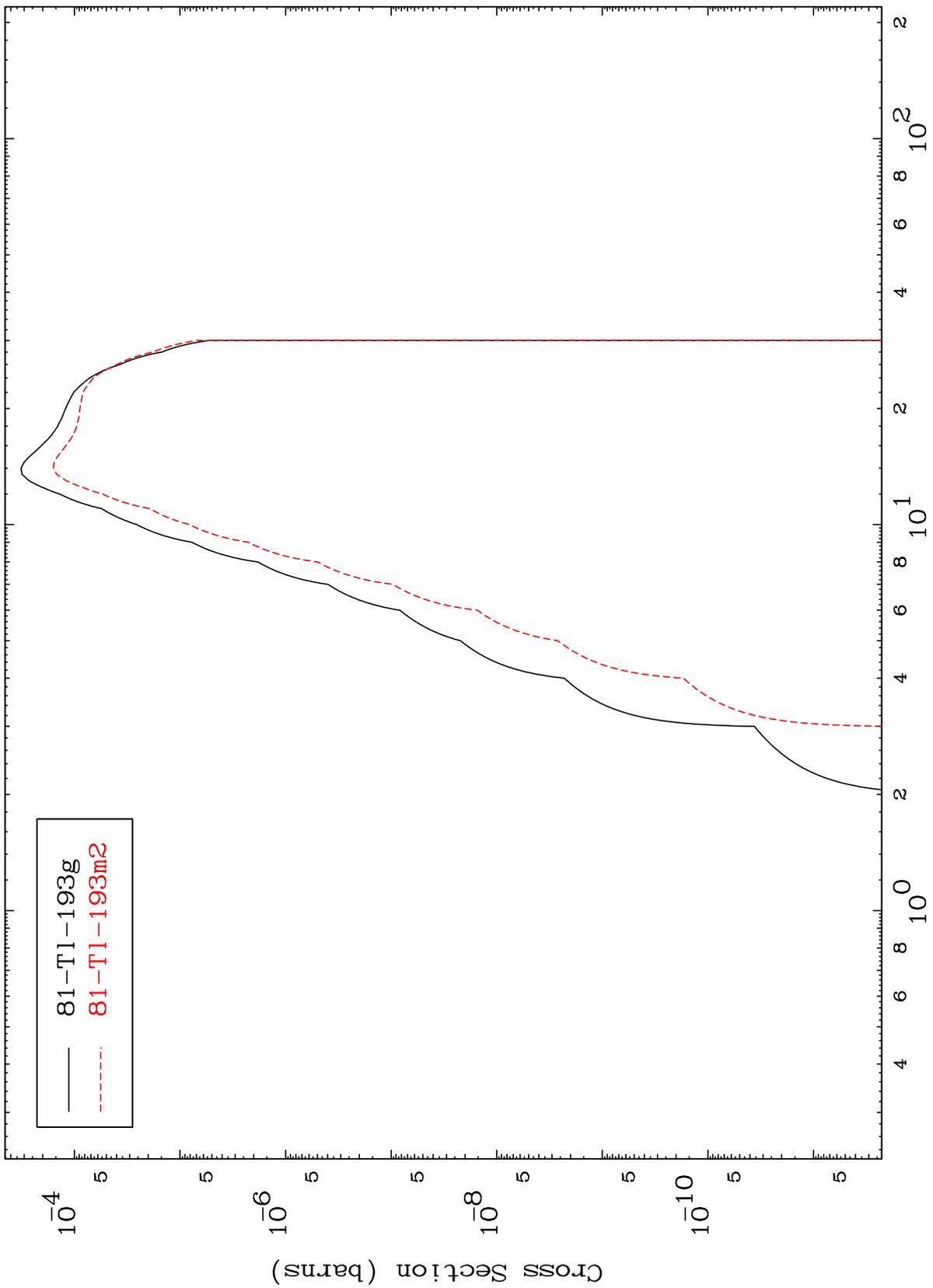
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

( $\gamma, \alpha$ )  
Radionuclide Production Cross Section



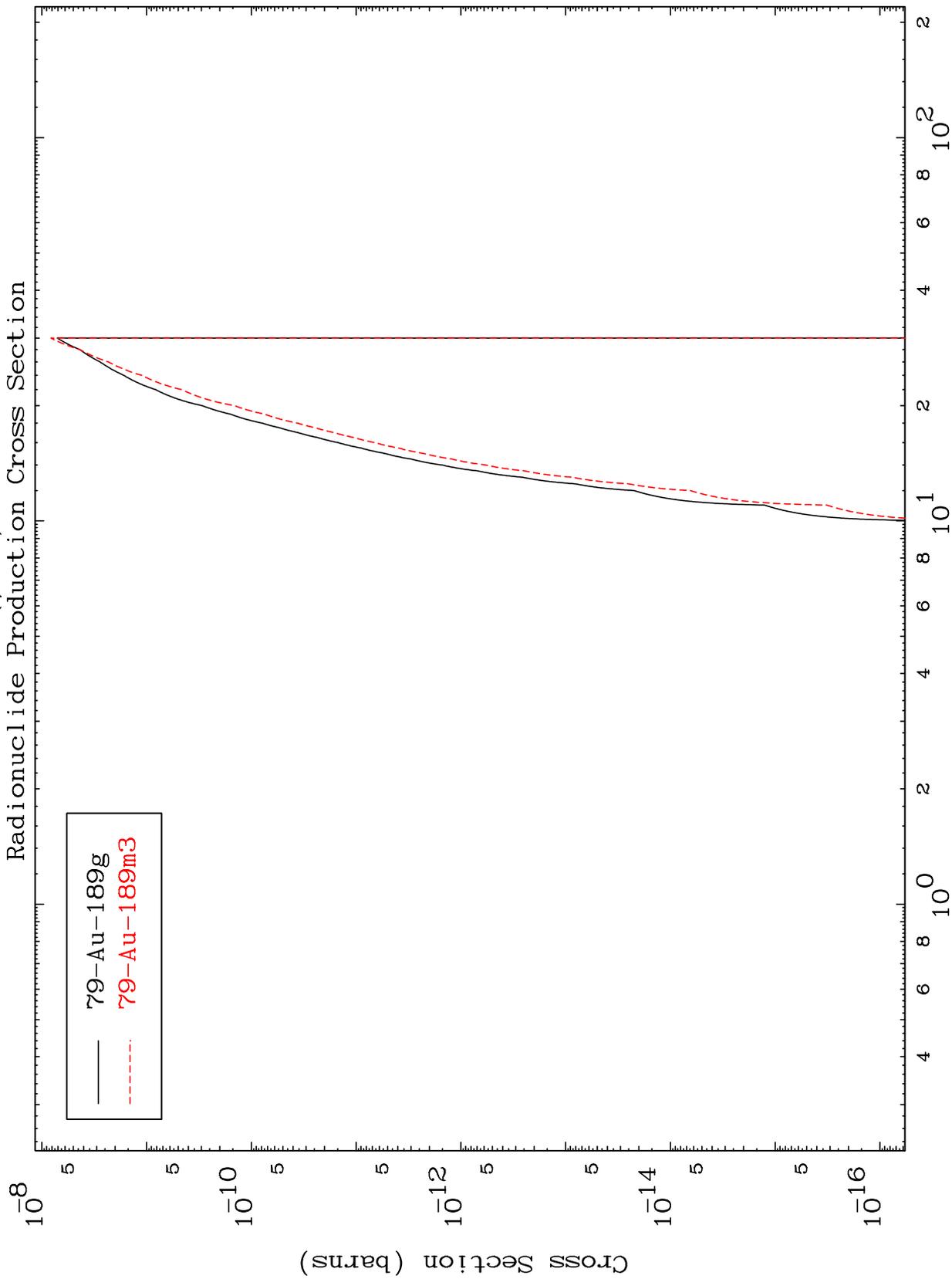
24

83-Bi-197

MAT 8290

83-Bi-197

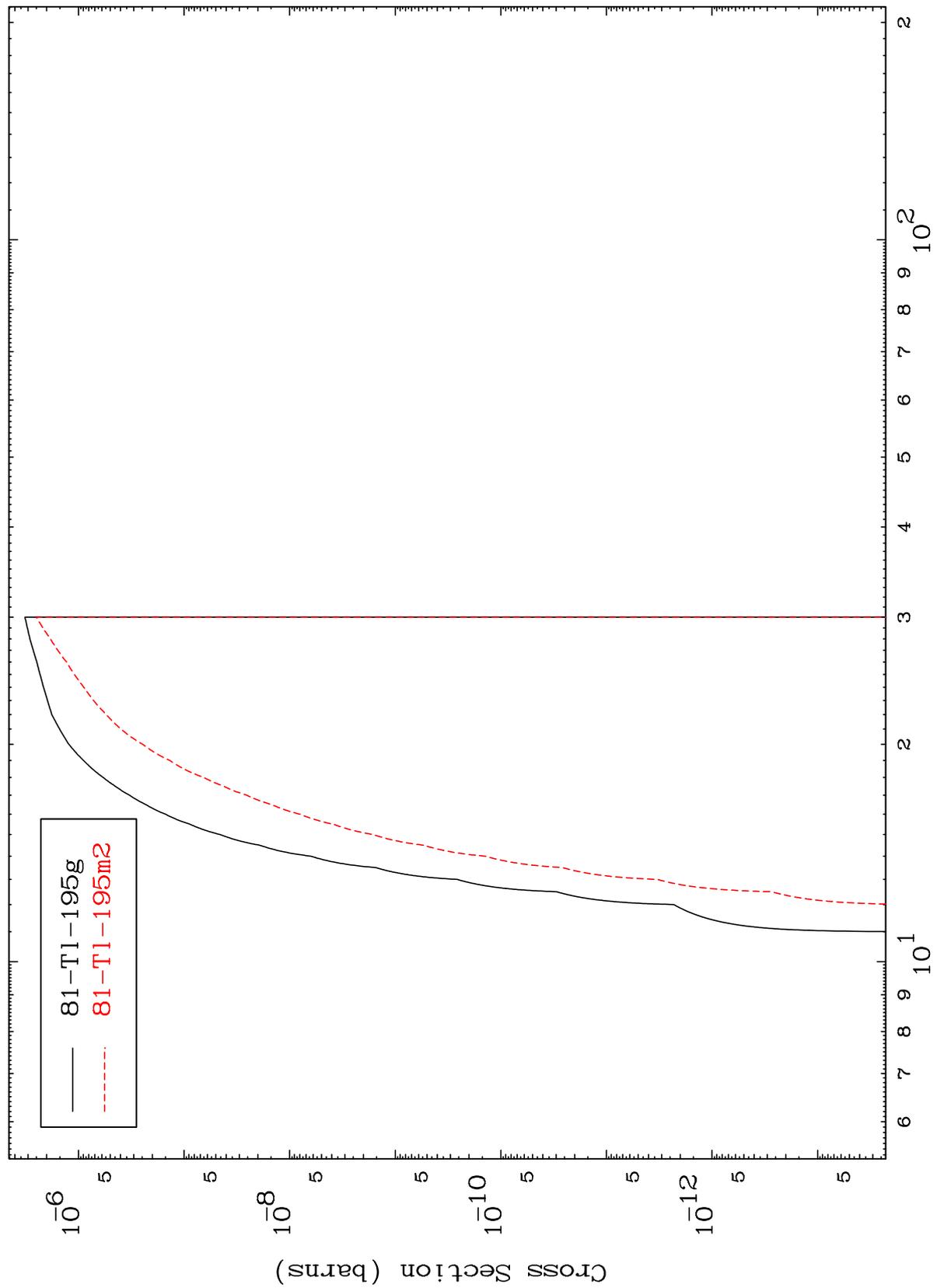
Radionuclide Production Cross Section  
( $\gamma, 2\alpha$ )



MAT 8290

83-Bi-197

( $\gamma, 2p$ )  
Radionuclide Production Cross Section



26

83-Bi-197

Incident Energy (MeV)

Radionuclide Production Cross Section

